



Hindustan Platinum



HETEROGENEOUS CATALYSTS

RARE EXCELLENCE

Heterogeneous Catalysts

Our supported catalysts enable selective hydrogenations, oxidations and cross-couplings.

Reaction	Grade	Description
Nitro to Amine Transformation	RD-4173	5% Pd/C
	RD-203	5% Pd/C
	R-629	5% Pd/C
	RD-4183	10% Pd/C
	RD-4244	4.5% Pd, 0.5% Pt, 5% Fe /C
Selective Nitro Hydrogenation in Halonitroaromatics	RD-451	1% Pt/C
	R-1317	1% Pt/C
	RD-4171	2% Pt/C
	RD-4345	3% Pt/C
Nitrobenzene to <i>para</i> -Amino Phenol	RD-4138	3% Pt/C
	RD-4170	3% Pt/C
Nitroso Hydrogenation	RD-4153	5% Pd/C
	R-1317	5% Pt/C
	RD-4112	5% Pt/C
N-Debenzylation	RD-4235	5% Pd/C
	RD-203	5% Pd/C
	R-1406(2R)	10% Pd/C
	RD-4095	10% Pd/C
	RD-4161	10% Pd/C
O-Debenzylation	RD-4153	5% Pd/C
	RD-203	5% Pd/C
	R-629	10% Pd/C
	RD-4161	10% Pd/C
Cbz Deprotection	RD-4273	5% Pd/C
	RD-4153	5% Pd/C
	RD-203	5% Pd/C
	R-1406(2R)	10% Pd/C

Reaction	Grade	Description
Reductive Amination	RD-4089	5% Pd/C
	RD-312	10% Pd/C
	RD-4256	10% Pd/C
Reductive Alkylation	RD-4161	10% Pd/C
	RD-4256	10% Pd/C
	RD-306	10% Pd/C
	R-1403	10% Pd/C
	RD-4112	5% Pt/C
Nitrile Hydrogenation	RD-4255	5% Pd/C
	RD-4345	3% Pt/C
	RD-4112	5% Pt/C
	R-1317	5% Pt/C
Imine, Iminoether Hydrogenation	RD4089	5% Pd/C
	RD-92	5% Pd/C
	RD-4030	5% Pd/Al ₂ O ₃
	RD-4345	3% Pt/C
	RD-4017	5% Pt/C
	R-1317	5% Pt/C
Hydrazone, Oxime Hydrogenation	RD-4345	3% Pt/C
	RD-4017	5% Pt/C
	R-1317	5% Pt/C
Heterocyclic Ring (e.g.: Pyridine) Hydrogenation	RD-4161	10% Pd/C
	RD-4213	10% Pd/C
	RD-306	10% Pd/C
	RD-312	10% Pd/C
Aromatic Ring Hydrogenation	RD-4256	10% Pd/C
	RD-4236	10% Pd/C
	RD-162	10% Pd/C
	RD-343	10% Pd/C

Reaction	Grade	Description
Aromatic Ring Hydrogenation	RD-4252	5% Rh/C
	RD-4156	5% Ru/Al ₂ O ₃
Ring Hydrogenation (e.g.: Cyclohexene)	RD-4112	5% Pt/C
	R-1317	5% Pt/C
	RD-4091	5% Ru/C
	RD-4115	5% Ru/C
Double Ring Hydrogenation	RD-162	5% Pd/C
	RD-343	5% Pd/C
	RD-4095	10% Pd/C
	RD-4117	5% Rh/C
Aliphatic C=C Bond Hydrogenation	RD-4204	5% Pd/C
	RD-4184	5% Pd/C
	RD-203	5% Pd/C
	R-629	5% Pd/C
Selective Alkyne Hydrogenation to Alkene	R-1914	5% Pd/CaCO ₃ (Lead)
	RD-4250	5% Pd/CaCO ₃ (Lead)
	RD-4362	5% Pd/CaCO ₃ (Lead-free)
Selective alpha, beta C=C Hydrogenation (over C=O)	RD-4329	1% Pd/C
	RD-559	5% Pd/C
	RD-4204	5% Pd/C
Ketone Hydrogenation	RD-4105	5% Pd/C
	RD-4136	5% Pd/C
	RD-203	5% Pd/C
	R-629	5% Pd/C
	R-1376	5% Ru/C
	RD-4115	5% Ru/C
	RD-4091	5% Ru/C
Ketone hydrogenation (selectively)	RD-4170	3% Pt/C
	RD-4017	5% Pt/C

Reaction	Grade	Description
Ketone hydrogenation (selectively)	RD-741	5% Pt/C
	RD-709	5% Pt/C
Aldehyde Hydrogenation (aromatic or aliphatic)	RD-4255	5% Pd/C
	RD-4112	5% Pt/C
	R-1317	5% Pt/C
	R-1375	5% Ru/C
	R-1376	5% Ru/C
Full Hydrogenation of alpha, beta C=C & C=O	RD-4256	10% Pd/C
	RD-4112	5% Pt/C
	R-1317	5% Pt/C
Epoxide opening	RD-4205	5% Pd/C
	RD-718	5% Pd/C
Isomerisation of Alkenes	RD-4315	1% Pt/Al ₂ O ₃
	R-1375	5% Ru/C
	RD-4091	5% Ru/C
	R-1376	5% Ru/C
Dehalogenation	RD-4153	5% Pd/C
	RD-4193	5% Pd/C
	RD-203	5% Pd/C
	R-629	5% Pd/C
Dehydrogenation	RD-162	5% Pd/C
	RD-343	5% Pd/C
	RD-4271	0.5% Pt/Al ₂ O ₃ extrudates
	RD-4112	5% Pt/C
Rosenmund reaction	RD-559	2.5% Pd/C
	RD-4265	5% Pd/BaSO ₄
Selective Oxidation	R-1667	4% Pd, 1% Pt, 5% Bi /C
	RD-4298	4% Pt, 1% Bi /C
Deuterium Exchange	R-14	2% Pt/SiO ₂

Reaction	Grade	Description
Deuterium Exchange	RD-4091	5% Ru/C
Cross-Coupling Reactions	RD-4236	10% Pd/C
	RD-4161	10% Pd/C
	RD-203	10% Pd/C

Hindustan Platinum's state-of-the-art manufacturing facility, supported by advanced R&D capabilities; drives global innovation in supplying highly active and selecting Heterogeneous Catalysts.

We are proud to work with our partners to provide tailored-made fit for purpose Heterogeneous Catalytic Solutions.

We will soon introduce innovative flow chemistry solutions for fixed-bed applications.

For more information, please contact us at cc.sales@hp.co.in



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